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DRAFT

09/180,798

Proposed claim

What is Claimed Is:

1. An isolated DNA comprising a sequence encoding a protein kinase having the amino acid sequence depicted in SEQ ID No. 3, SEQ ID No. 21 or SEQ ID No. 33, or a protein having an amino acid sequence which is at least 90% similar thereto and which has kinase activity.
2. An isolated DNA comprising a DNA sequence having the sequence depicted in SEQ ID No. 1, SEQ ID No. 2, SEQ ID No. 20, or SEQ ID No. 32 or a sequence which is complementary to one which hybridizes under stringent washing conditions of 3x20 min in 0.5% SSC, 1% SDS at 65°C with DNA having the sequence depicted in SEQ ID No. 1, SEQ ID No. 2, SEQ ID No. 20, or SEQ ID No. 32 the said sequences and which encodes a protein having kinase activity.

*Insert from language
more specific.*

What are the substrates of the kinase? One needs that to determine function, to make the structure/function correlation.